

## Parts List:

	100	operating console
	102	control panel
5	104	display
	106	image processor module
	108	central processing unit (CPU)
	112	tape drive
	114	disk storage
10	116	link
	120	computer system
	122	system control
	124	memory module
	126	high speed serial link
15	128	serial link
	130	gradient amplifiers
	132	physiological acquisition controller
	134	patient positioning system
	136	scan room interface circuit
20	138	pulse generator module
	140	polarizing magnet
	142	magnet assembly
	144	gradient coil assembly
	146	CPU module
25	150	transceiver module
	152	RF coil
	154	transmit/receive switch
	156	RF amplifier
	158	preamplifier
30	160	memory module
	164	array processor
	200	physiological pipeline
	202	physiological data
	204	physiological data acquisition
35	206	calculate trigger
	208	visual display of physiological event
	210	MR data pipeline
	212	MR image data
	214	MR data acquisition
40	216	MR data reconstruction
	218	data storage
	220	trigger control
	222	MR data display
	230	physiological pipeline
45	232	physiological data
	234	physiological data acquisition
	236	calculate trigger

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238 visual display of physiological event  
 240 time synchronization  
 242 data conduit  
 244 MR image display  
 5 246 physiological waveform display  
 250 MR data pipeline  
 252 MR image data  
 254 MR data acquisition  
 256 MR data reconstruction  
 10 258 data store  
 262 combined visual display  
 270 physiological signal waveform  
 272 gated mode synchronization  
 274 gate/no gate burst mode synchronization  
 15 276 segmented burst mode synchronization  
 300 physiological acquisition controller (PAC)  
 302 physiological waveform  
 304 signal processing unit (SPU)  
 306 physiological waveform  
 20 308 trigger number  
 310 triggers  
 312 sequencer (SEQ)  
 314 trigger number  
 316 start sequence interrupt (SSI)  
 25 318 application gateway processor (AGP)  
 320 scan control processor (SCP)  
 322 wave form segments  
 324 image timestamp  
 328 acquisition processing system (APS)  
 30 330 trigger and timestamp data  
 332 host

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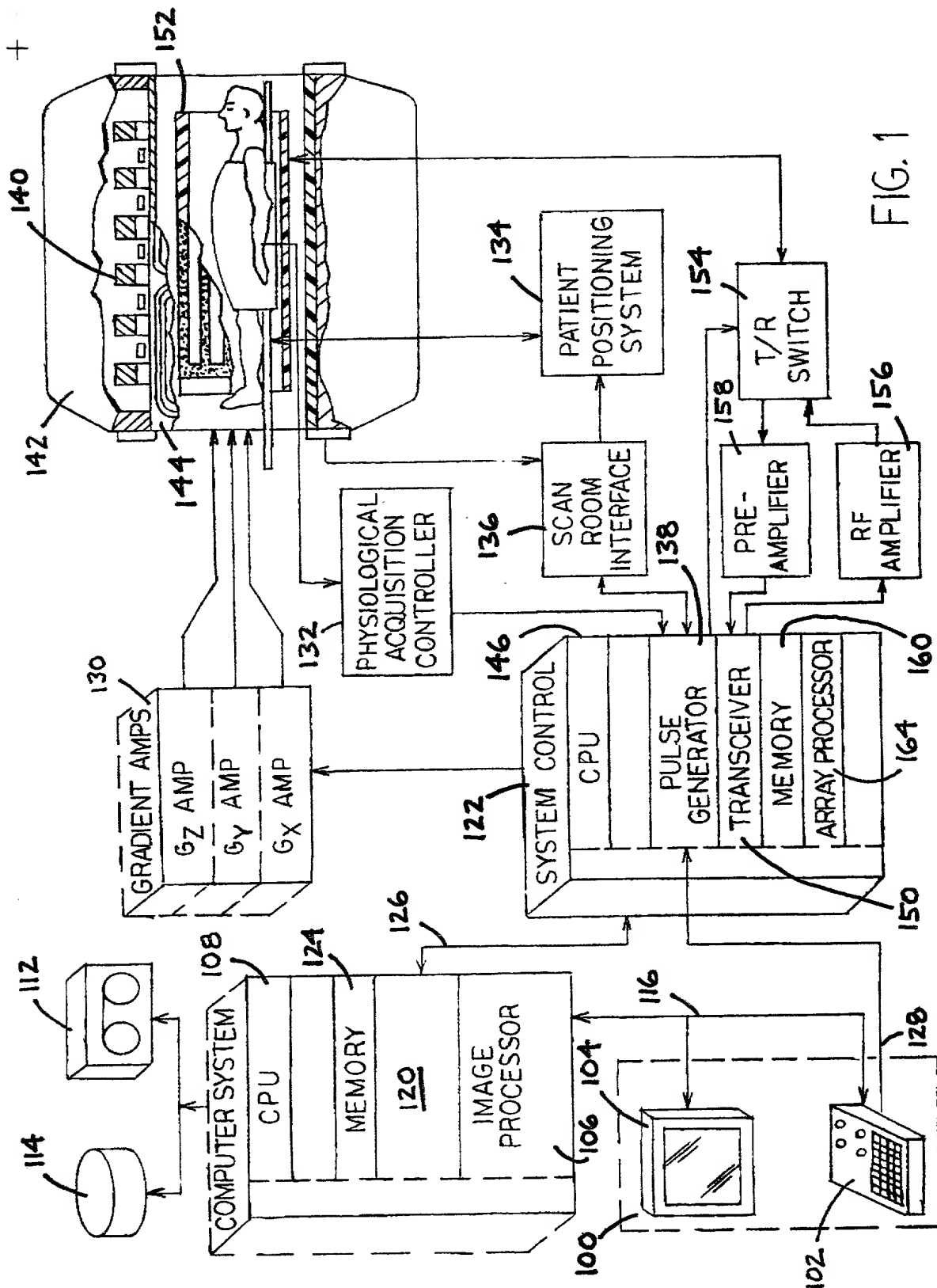
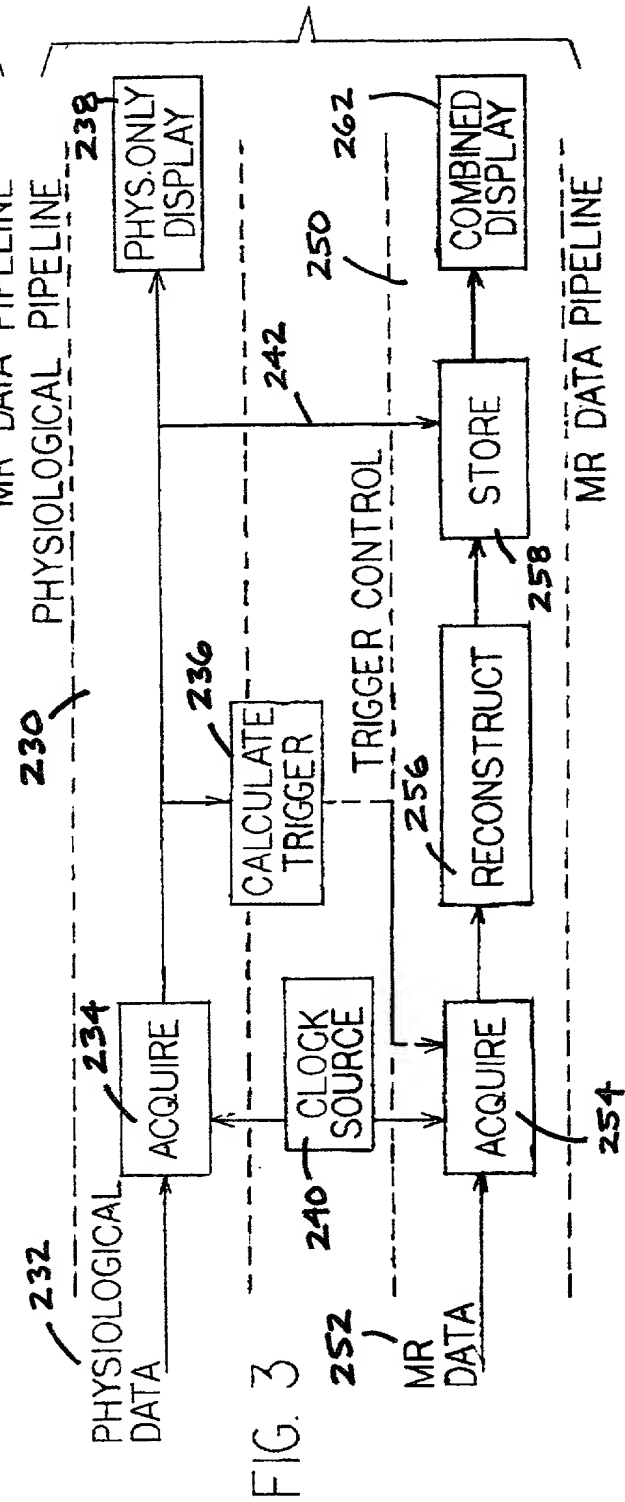
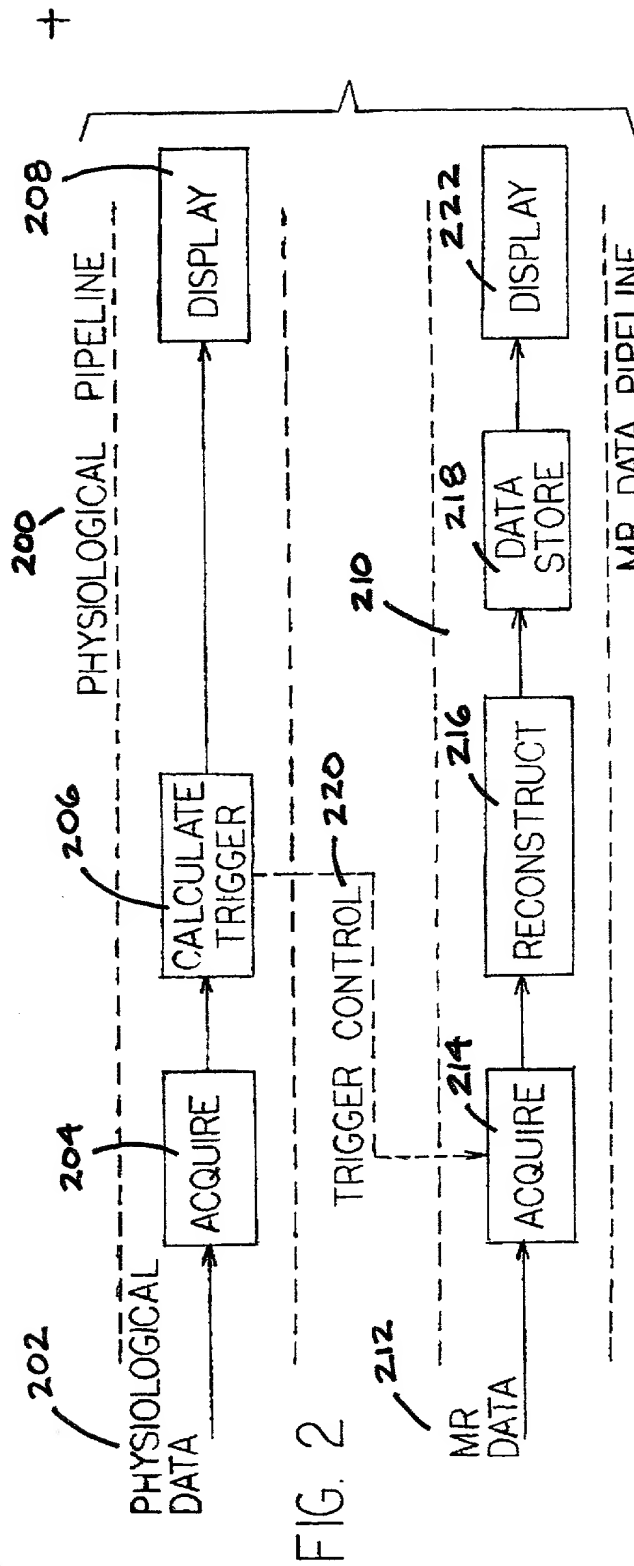


FIG. 1



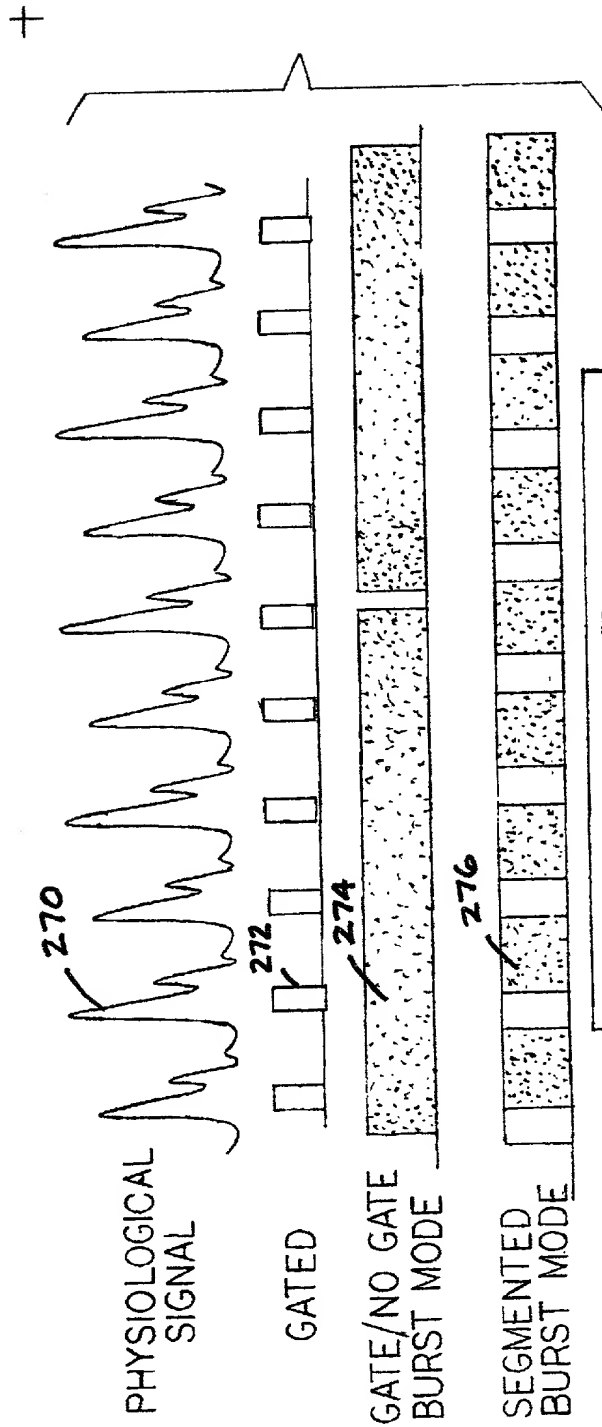


FIG. 4

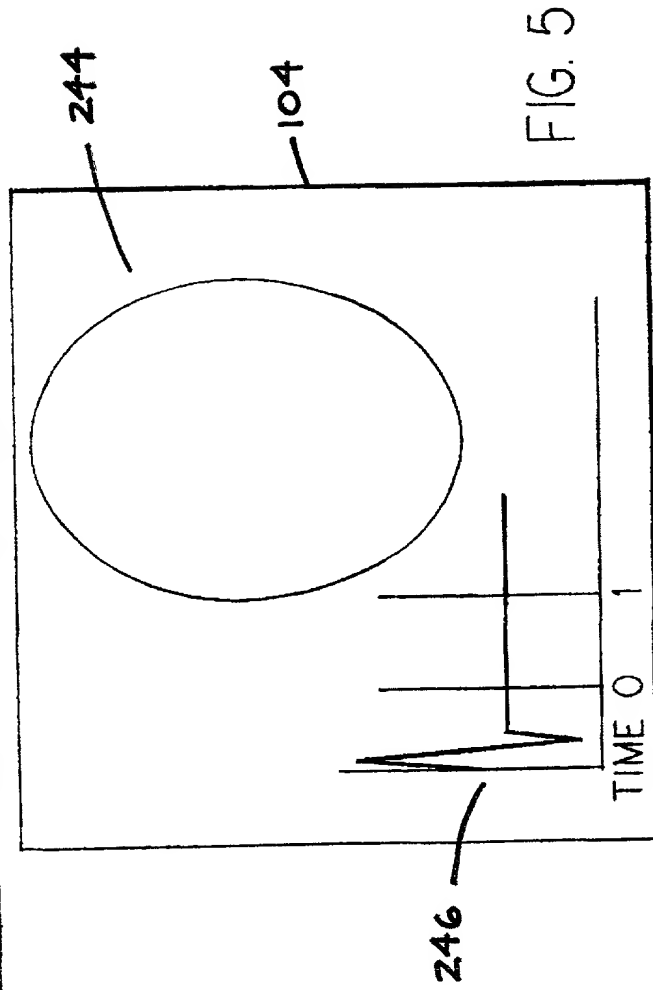


FIG. 5

